

## ABSTRACT

The present invention relates to a spreading signal assigning method and a signal transmitting method in a direct sequence CDMA mobile communication system, a mobile wireless communication system using the methods, and a transmitter, a receiver and a transceiver in the mobile wireless communication system in which an assignment method of a second spreading code is devised such that various services can be provided. The invention is configured such that a signal spread with the second spreading code is transmitted between a base station and a mobile station by assigning a code associated with each base station group or a code associated with each network type to which the base station group belongs as the second spreading code.